METHOD AND APPARATUS FOR DYNAMIC CONFIGURABLE LOGGING OF ACTIVITIES IN A DISTRIBUTED COMPUTING SYSTEM

ABSTRACT OF THE INVENTION

A system and method for implementing tracking of computing system activities wherein the tracking can be dynamically adjusted. The system provides a multiple level logging system having a first level for detecting message level errors and a second trace level for obtaining trace information and for filtering same to provide more details to be used for implementing corrective action. A set of filters is provide to further refine the data which is provided to a user/system administrator. The system also provides for selective activation of tracking and logging for selected subsystems, as well as the ability to vary the frequency at which the tracking is performed. The frequency of logging can be adjusted upward in response to detection of a error and can then be decreased, or the tracking selectively disabled or entirely stopped upon detection of a stop event.